

How to reset an L1 that loses info

Published 02/06/2001

Symptom(s):

How to reset an L1 that loses info
L1 controller loses info
L1 controller shows ---c---.0
C-Brick does not communicate with L2

Fact(s):

SGI Origin 3000
SN1
SN-Mips

SGI Solution:

To re-program the L1:
1) Connect a terminal or laptop to the DB-9 port on the back of the brick.
2) Set terminal speed to 38,400 (9600 will not work), bits 8-none-1, emulation vt100
3) You should get a ---c--- L1> prompt
4) Enter the brick rack id command (001 for example)
---c--- L1> brick rack 001
System should respond "brick rack set to 001"
5) Enter the brick slot id command (35 "U" for example)
---c--- L1> brick slot 35
System should respond "brick slot set to 35"
6) To verify, issue the brick command at the prompt
---c--- L1> brick
System will respond
rack: 001, slot 35, partition: 0, type: c(IP35), serial KHK602 source: EPROM
(note: serial number will differ per brick/machine)

Also check these items after you reset rack and slot id:

- 7) If router light is out on duo-link/craylink2 cable:
- a) check network
001c35 L1> network
 - b) if network is 422 for system with more than 2 c-bricks you need to reset to USB
001c35 L1> network usb
- 8) Check the Bedrock protocol:
- a) check protocol
001c35 L1> bedrock
 - b) if protocol is 'raw', set it to ppp.
001c35 L1> bedrock ppp

Answers others found helpful

- [How to set brick rack and unit position](#)
- [Hardware End of Support Matrix](#)
- [SYSLOG Error: "WARNING: <brickid> ATTN: TEMP 5 advisory temperature reached @ 30 C/ 86 F."](#)

Additional Details

Creation Date	06/29/2000 05:18 AM
Last modification	10/01/2015 02:21 AM
Published Date	02/06/2001
Products	• Servers and Clusters • SGI Altix • SGI Altix 4000 • SGI Altix 3000 • SGI Origin/Onyx • Origin/Onyx Server • Workstations • SGI Tezro • O2 • Octane
Categories	• Knowledgebase • Technical Solution